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CLAIMS

1. A method for setting up USSD transfer for transmitting data between two parties, namely a mobile station (MS) and a cellular communications network (PLMN), wherein the USSD transfer takes place on a fast channel (FACCH) if the mobile station is involved in a call, and otherwise on a slow channel (SDCCH);

the method being c h a r a c t e r i z e d in that:

the amount of data to be transmitted is determined (1-2, 2-2); and

if the amount of data to be transmitted is likely to exceed a predetermined threshold, and if the mobile station (MS) is not involved in a call, the mobile station (MS) is directed to call mode for switching the USSD transfer to the fast channel (FACCH).

2. A method as claimed in claim 1, c h a r a c t e r i z e d in that the mobile station is directed into call mode by initiating a call attempt (1-4, 1-4'; 2-4, 2-4').

3. A method as claimed in claim 1 or 2, c h a r a c t e r i z e d in that the party (MS, PLMN) that initiates the USSD transfer also initiates the call attempt (1-4, 1-4'; 2-4, 2-4').

4. A method as claimed in claim 1 or 2, c h a r a c t e r i z e d in that the network (PLMN), when initiating the USSD transfer, sends the mobile station (MS) an indication (3-2) that the mobile station (MS) must initiate the call attempt (1-4, 1-4').

5. A method as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that the mobile station (MS), when initiating the call attempt (1-4, 1-4'), calls a non-existent number or itself.

6. A mobile station (MS), adapted for setting up USSD transfer for transmitting data between itself and a cellular communications network (PLMN), wherein the USSD transfer takes place on a fast channel (FACCH) if the mobile station is involved in a call, and otherwise on a slow channel (SDCCH);

c h a r a c t e r i z e d in that the mobile station (MS) is adapted to:

determine (1-2) the amount of data to be transmitted; and

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initiate a call attempt (1-4, 1-4') for switching the USSD transfer to the fast channel (FACCH) if the amount of data to be transmitted is likely to exceed a predetermined threshold and if the mobile station (MS) is not involved in a call.

5   7. An arrangement for a cellular communications network (PLMN), adapted for setting up USSD transfer for transmitting data between itself and a mobile station (MS), wherein the USSD transfer takes place on a fast channel (FACCH) if the mobile station (MS) is involved in a call, and otherwise on a slow channel (SDCCH);

10   c h a r a c t e r i z e d   in that the arrangement is adapted to:

determine (2-2) the amount of data to be transmitted; and

initiate a call attempt (1-4, 1-4'; 2-4, 2-4') for switching the USSD transfer to the fast channel (FACCH) if the amount of data to be transmitted is likely to exceed a predetermined threshold and if the mobile station (MS) is not

15   involved in a call.

8. An arrangement as claimed in claim 7, c h a r a c t e r i z e d   in that it is adapted to initiate a call attempt (1-4, 1-4') by sending to the mobile station (MS) an indication (3-2) that the mobile station (MS) must initiate the call attempt.